

in response to determining that the currently active set of monitoring functions are inconsistent with the monitoring requirements of the currently active set of consumer entities, modifying the currently active set of monitoring functions.

ABSTRACT

Please replace the abstract with the following:

Methods, apparatus and computer programs [are described] for monitoring resources within a data processing network. Monitoring entities can be selected, and a set of active monitoring functions can be modified, based on the requirements of consumers of monitored data. A first method involves monitoring resources on behalf of consumer entities within the network. A description of the consumer entity's monitoring requirements are published by the consumer entity and stored in a repository. The monitoring requirements of the consumer entity are compared with the monitoring capabilities of a plurality of monitoring entities, to identify a monitoring entity capable of satisfying the monitoring requirements of the consumer entity. An identified monitoring entity is selected, and a connection is established between the selected monitoring entity and the consumer entity. A second method involves modifying an active set of monitoring functions in response to changes to monitoring requirements of a currently active set of consumer entities.